

# CSWC Operational Period Summary

## 1800 March 11 2016 to 0600 March 12 2016



Two woman watch the Russian River flow by Friday, March 11, 2016, in Monte Rio, Sonoma County.

Photo Credit: Eric Risberg/AP



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

# **SITUATION SUMMARY**

## **National News – Significant Events**

### **Record Louisiana floods continue into fifth day**

(CBS) Record floods that have killed at least five people in the South are not letting up as torrential rains continue into a fifth day. As of late Friday afternoon, the Red Chute Bayou water level was 25 feet and rising. The water rushing downstream from two lakes to the north had made Bossier City Ground Zero. The Red Chute Bayou was in danger of topping the city's main levee and 3,500 homes were at risk of flooding -- both to its west and to its south. Because of recent heavy rains, approximately 30,000 gallons of water were flowing downstream each second -- seven to 10 times the normal flow. Sandbags were being dropped to protect the levee from eroding if water tops it. Mike Petersen is with the U.S. Army Corps of Engineers. He characterized the area as a choke point, where all the water is forced through a relatively narrow area. That's why it is rising so quickly, about 10 feet in three days, two feet in last day alone. Firefighter Josh Wolverton has been rescuing people for two days. Now, his home is at risk. He says the levee is about 300-400 yards from his backyard. "We've lived here for six years. I've never seen water in the streets. Never," he said. Since then, he's evacuated his wife and daughters and elevated his furniture using canned goods to prop them up. Just to the south, Mark Eichlelberger walked away from his home with a trash bag of treasures. His home is also filled with water. "You don't think it is going to flood, and then the next thing you know there is water under the door. What do you do," he said, tearing up. And things aren't looking up. Sometime tonight or tomorrow morning Red Chute Bayou is expected to reach the levee and overflow.

## **International News – Significant Events**

### **U.S., South Korea stage assault drill; North threatens to wipe out enemies**

(Reuters) US and South Korean troops staged a big amphibious landing exercise on Saturday, storming simulated North Korean beach defenses amid heightened tension and threats by the North to annihilate its enemies. The landing and assault drills on South Korea's east coast were part of eight weeks of joint exercises between the allies which the South has said are the largest ever. The North has denounced the exercises as "nuclear war moves" and threatened to respond with an all-out offensive. Tension on the Korean peninsula has been high since the North conducted its fourth nuclear test in January and followed that with a long-range rocket launch last month, triggering new U.N. sanctions. About 55 U.S. marine aircraft and 30 U.S. and South Korean ships, including the USS Bonhomme Richard and USS Boxer, which carry AV-8B Harrier attack jets and V-22 Osprey aircrafts, took part in the assault on beaches near Pohang city, the U.S. navy said. "They will penetrate notional enemy beach defenses, establish a beach head, and rapidly transition forces and sustainment ashore," the U.S. military based in South Korea said in a statement before the exercise. The North's military said it was prepared to counter the U.S. and South Korean forces "with an ultra-precision blitzkrieg strike of the Korean style". "The revolutionary armed forces of the DPRK holding tightly the arms to annihilate the enemies with towering hatred for them are waiting for the dignified Supreme Command to issue an order to launch a preemptive strike of justice," it said in comments carried by the state KCNA news agency. DPRK stands for the Democratic People's Republic of Korea. CNN reported on Saturday that North Korea has been searching for one of its submarines that has been missing for days off its east coast. The submarine may be adrift under the sea or have sunk, perhaps after a technical problem during an exercise, CNN quoted U.S. officials with intelligence of secret U.S. monitoring of the North's activities as saying. North Korea has said it is developing submarine-launched ballistic missiles although doubts about that were raised after Western experts said publicly released footage of tests appeared to be fake. On Thursday, North Korean leader Kim Jong Un watched as his forces fired two short-range ballistic missiles into the sea. This month the North conducted drills with what it said were newly developed large caliber rocket launchers. Kim has ordered the country to improve its nuclear attack capability by conducting more tests, in defiance of a U.N. Security Council resolution adopted last week in response to the isolated state's latest nuclear test. Kim also said his country had miniaturized nuclear warheads to mount on ballistic missiles, although the U.S. and South Korean governments have expressed doubts about that too.



# SITUATION SUMMARY

## Navarro River at Navarro Predicted To Exceed Flood Stage, Mendocino County

- The river is forecast to reach flood stage on Sunday at 2130 hours, peaking Monday morning at 0000 hours at 24.5 feet, 1.5 feet above flood stage.
- Mendocino County OES will begin public messaging of any impacts if projections hold.
- Mendocino OES does not anticipate activating the EOC for this event.
- The Sheriff's office will be monitoring the five homes along the Navarro River in this area. These homes are primarily vacation homes and are on stilts.

## Inland Region Actions

- Inland Region has surveyed all but one Operational Area (OA) listed in the National Weather Service (NWS) Sacramento Flood Watch.
- All OA's are monitoring the storm impacts. Many have conducted internal outreach throughout their OA's.
- Placer and Sacramento Counties are conducting daily OA conference calls.
- Several OA's have done social media outreach and press releases on the flood watch, reminding residents of sand bag locations and the importance of avoiding low lying flooded areas.
- Calaveras has conducted reverse 911 for residents in the burn area that could be impacted by mud and debris flows.
- No Local EOC activations are planned at this time.
- Dunsmuir, Siskiyou County: City Fire/OES is concerned about the potential for flooding along the Upper Sacramento River. According to the National Weather Service the possibility exists for critical flood levels in the Upper Sacramento River that will impact some Southern Siskiyou and Northern Shasta County communities for the next 4-5 days.
  - **Update as of 03/11/2016 at 1035 Hours**, the California State Warning Center (CSWC) was notified that the City of Dunsmuir Fire Chief reported the Sacramento River level dropped 2-3 feet over night. The city is going to continue to monitor river levels through the weekend and will enact pre-plan measures, if needed.
  - The city has established a sandbag location at the city's Public Works yard.
  - There are approximately thirty to fifty residences along the Sacramento River in Shasta County from south of Dunsmuir (county line) to Shasta Lake. Several of those residences are vacation homes and the majority are at the Siskiyou/Shasta county line near South Dunsmuir.
  - The City advised they are prepared to dispatch staff to evacuation locations should the need arise.
  - Siskiyou County CAO/Director of OES has been communicating with the City of Dunsmuir to coordinate shelter operations and preparing for sheltering support.
  - DWR is aware of activities and forecasts on the Sacramento River through the Flood Ops Center.
- Box Canyon Dam, Siskiyou County, **Update as of 03/11/2016 at 1215 Hours**, the (CSWC) was advised from Cal OES Mitigation that Division of Safety Of Dams (DSOD) spoke with the dam's operator on duty and he stated that the main concrete dam is spilling at approximately 1700 cubic feet per second (CFS). It is designed to convey a peak outflow of 43,000 CFS. DSOD does not believe there is a safety issue at this time.

## Coastal Region Actions

- Cal OES Coastal Duty Officer conducted a conference call and there are no issues, concerns or requests from the OAs.

# **SITUATION SUMMARY**

## **Weather of Concern**

### **Northern California**

- Today, northern valley locations could see up to 1 to 2 inches of rain. 2 to 3 inches are expected over the Foothills and Mountains.
- Wind in Northeastern California, southwest 30 to 40 mph with gusts to 50 mph Saturday. Southwest winds may reach 45 mph with gusts to 60 mph Sunday. Winds will be more southerly in the Shasta valley.
- Windy for the Central and Northern Sacramento valley with South winds 20 to 30 mph with gusts up to 45 mph, late this morning through late afternoon.
- Excessive rainfall in the North Bay. Already saturated soils and swollen small creeks and streams may result in flash flooding through the weekend.
- For the Sierras, periods of heavy snow expected by the afternoon and continuing into early Monday.
  - Snow accumulations, 3 to 8 inches above 4000 feet with 2 to 5 feet above 5000 feet through early Monday.
  - Snow levels to 4500 to 5500 feet today and Sunday, lowering to 3500 to 4500 feet by Monday morning.
  - Heavy snow combined with wind, will likely result in hazardous mountain travel and road closures.
- Be prepared for rapid rises and minor flooding on area creeks, streams, and rivers.

### **Southern California**

- For the Sierra Nevada's from Yosemite to Kings Canyon, Snow will begin tonight and continue into Monday morning. The heaviest snow will occur Sunday afternoon and night
  - Snow accumulations: 10 to 15 inches above 7000 feet mainly north of the San Joaquin river. Otherwise 4-8 inches elsewhere above 6000 feet.
- West winds 25 to 35 mph with gusts to 60 mph and isolated gusts to 70 mph, gradually diminishing through the morning for the Riverside and San Bernardino mountains.
- For the Central Coast Surf will build to 10 to 15 feet tonight into Saturday, and will persist through Sunday afternoon. Sunday night into Monday, surf will build to 12 to 18 feet as northwest swell moves into the waters. The surf should then slowly subside through Tuesday. For Ventura and Los Angeles, Surf will build to 7 to 10 feet tonight into Saturday, and will continue through Sunday. The high surf may persist through Monday into Tuesday.

# SITUATION SUMMARY

## WARNING, WATCHES AND ADVISORIES

### Coastal Region

- Flood Watch in effect through Sunday evening for the following counties: Solano, [Sonoma](#), Del Norte, Humboldt, Mendocino, Marin, Napa
- [Areal Flood Watch in effect until Monday at 0400 hours for Mendocino County](#)

### Inland Region

- Flood Watch in effect through Sunday [afternoon](#) for the following counties: Sierra, Stanislaus, Trinity, San Joaquin, Sacramento, Solano, Yuba, Tuolumne, Tehama, El Dorado, Stanislaus, Sutter, Calaveras, Nevada, Sutter, Lake, Placer, Glenn, Shasta, Butte, Amador, Tehama, Colusa and Yolo
- [Flood Watch in effect until Monday at 0700 hours for Siskiyou County](#)
- [Winter Storm Warning in effect until Monday at 0400 hours for Siskiyou County](#)
- Winter Storm Warning in effect from Saturday 1600 through Monday 1000 Hours for the following counties: Lassen, Plumas, Sierra, Nevada, Placer, El Dorado and Alpine
- [High Wind Watch will be in effect from Sunday at 0700 hours until Monday at 0100 hours for Siskiyou and Modoc counties](#)

### Southern Region

- [High Wind Warning in effect until Saturday at 1000 hours for the following counties: Riverside, San Bernardino and San Diego](#)



# SITUATION SUMMARY

## River Forecasts

The following rivers are either at or projected to reach Flood Stage as of 0650 hrs.

### Coastal Region

Navarro River at Navarro (Mendocino County): Projected to reach flood stage on 03/13/16 at 2130 hours and peak at 24.5 feet on 03/14/16 at 0000 hours.

- Exceeding flood stage will cause flooding of Highway 128 approximately 5 miles from Highway 1.

The following Rivers are currently projected to reach or are at Monitor Stage as of 0650 hours:

### Coastal Region

- Mad River at Arcata (Humboldt County)
- Eel River at Fernbridge (Humboldt County)
- Van Duzen at Bridgeville (Humboldt County)

### Inland Region:

- Sacramento River at Tehama Bridge (Tehama County)
- Sacramento River at Ord Ferry (Glenn County)
- Sacramento River at Colusa Weir (Colusa County)
- Sacramento River at Colusa Bridge (Colusa County)
- Sacramento River at Tisdale Weir (Sutter County)
- Sacramento River at Fremont Weir (Sutter County)
- Yolo Bypass at Lisbon (Yolo County)
- Cosumnes River at Michigan Bar (Sacramento County)
- Cosumnes River at McConnell (Sacramento County)
- Sacramento River at Rio Vista (Solano County)

Active Weather Warnings, Watches and Advisories by County:

[http://www.wrh.noaa.gov/sto/brief/wwa\\_bc\\_cal.php](http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php)

### Cal EOC Incident – 2014 Drought

SOC / Inland REOC remains activated in support of 2014 Drought.

# WEATHER

## WEATHER SYNOPSIS BY REGION:

### **NORTHERN CALIFORNIA AND CENTRAL COASTAL AREAS:**

#### **Medford Weather:**

Rain returns later this morning. The heaviest precipitation will occur over the same areas as the Friday system, the Mount Shasta area, western Siskiyou County, and the coast and coast range. Snow levels will lower later this morning to 3000-4000 feet from the cascades west and 4000-5000 feet east of the cascades. Some passes such as Siskiyou summit may see some impacts from snow later today. Post-frontal showers from the Saturday system will still be in progress when the next wave and it's associated front moves onshore Sunday morning.

#### **Eureka Weather:**

Heavy rain early this morning will give way to showers this afternoon and overnight. Another system Sunday will bring additional heavy rain and wind to the area. A warming and drying trend is expected by the middle of next week.

#### **Reno Weather:**

A series of winter weather systems will impact the region this weekend bringing gusty winds along with periods of mountain snow and valley rain. Snow amounts will be significant across the northern Sierra and higher terrain of northeast California with significant impacts to travel. Drier and warmer conditions will return next week.

#### **San Francisco Weather:**

Periods of rain will develop today and persist into the weekend as two storm systems push through the region. The heaviest rainfall will be over the north Bay and along the coastal ranges through the weekend. High pressure builds aloft by the middle of the upcoming week with warming temperatures and dry weather conditions.

#### **Sacramento Weather:**

A series of Pacific storms will move through into Monday bringing periods of moderate to heavy precipitation, especially in the mountains, and gusty wind, getting drier and warmer Tuesday into Friday.

# WEATHER

## WEATHER SYNOPSIS BY REGION:

### **CENTRAL CALIFORNIA AND SOUTHERN SAN JOAQUIN VALLEY:**

#### **Hanford Weather:**

A trough of low pressure will move across the region today and tonight bringing widespread rain and mountain snow along with increased winds. A second weather system will move into the north late Saturday and Sunday for a continued threat of unsettled weather.

### **SOUTHERN CALIFORNIA:**

#### **Los Angeles Weather:**

Broad west northwest flow aloft will linger through Monday. The southern end of a couple of weak fronts may bring showers Sunday through early Monday, especially to areas north of point conception. Building high pressure aloft and offshore flow will bring significant warming Tuesday and Wednesday. A slow cooling trend is expected for the end of the week.

#### **Extreme Southwestern California including Orange, San Diego, Western Riverside and Southwestern San Bernardino Counties:**

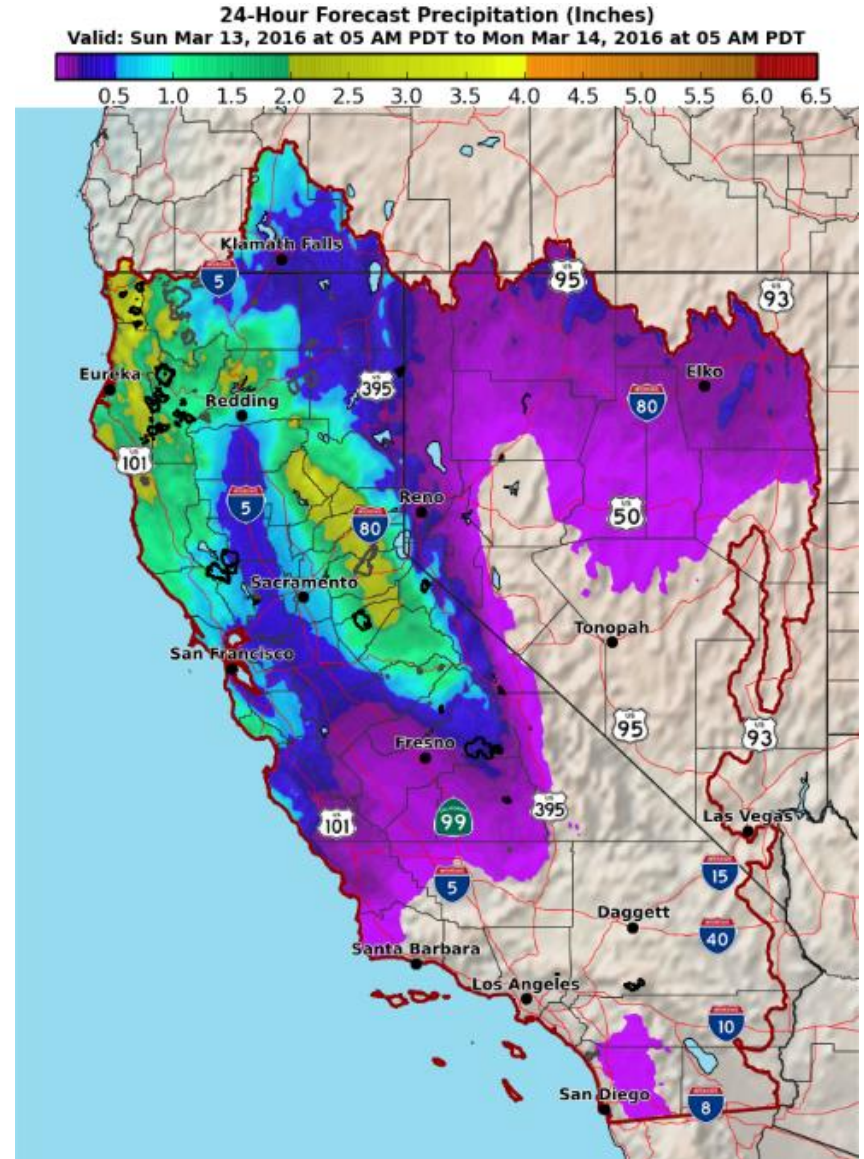
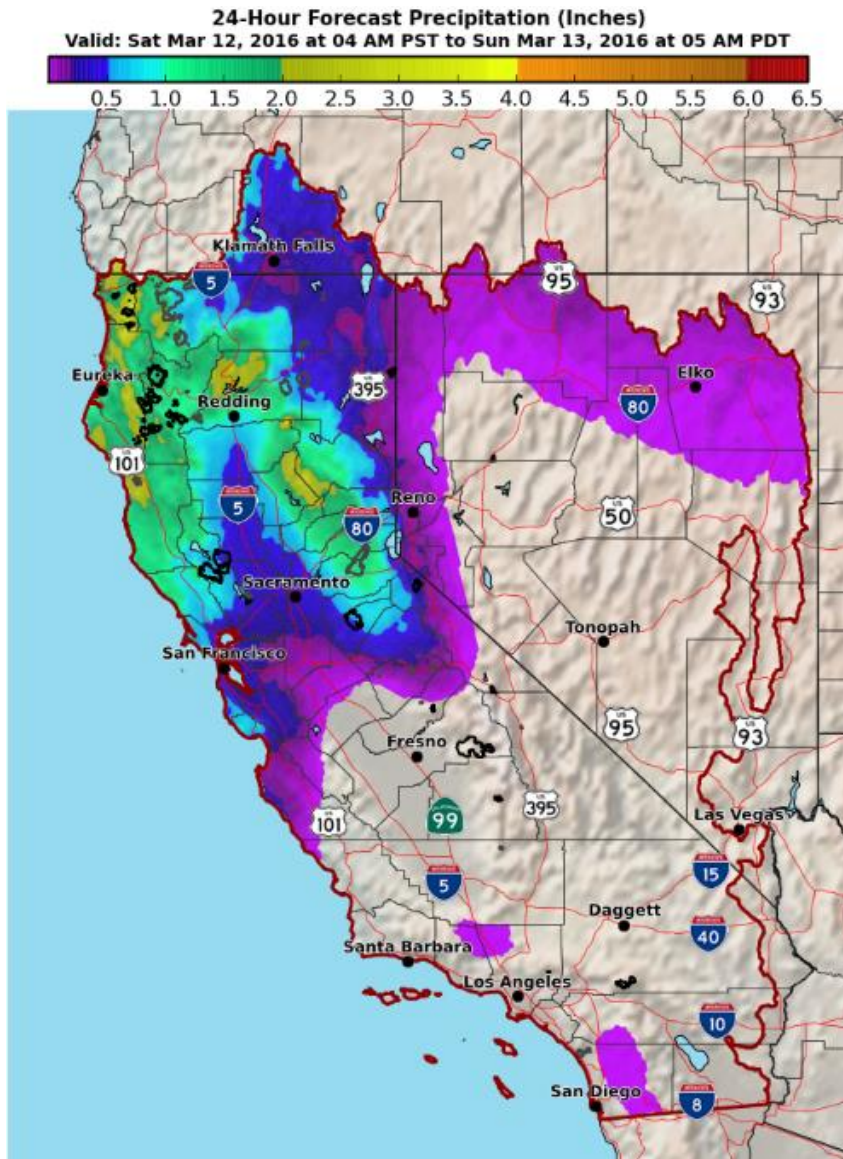
A low pressure system over northern Arizona will move eastward today with decreasing west winds in the mountains and deserts this morning and scattered showers in San Diego county ending this morning. Continued cool and moist into Monday with a low pressure system moving inland to the north bringing a chance of light precipitation along and west of the mountains late Sunday night and early Monday. Warmer and dry for the middle and latter part of next week with high pressure aloft off the west coast.

#### **Southeast California Weather:**

Cooler and more tranquil weather can be expected today behind a low pressure system exiting across Arizona. Another system will move through the great basin late Sunday into Monday bringing slight chances of precipitation to the Sierra and breezy conditions to the southern great basin and western Mojave desert. Dry and warm conditions return for much of next week.



# STATE WEATHER MAP

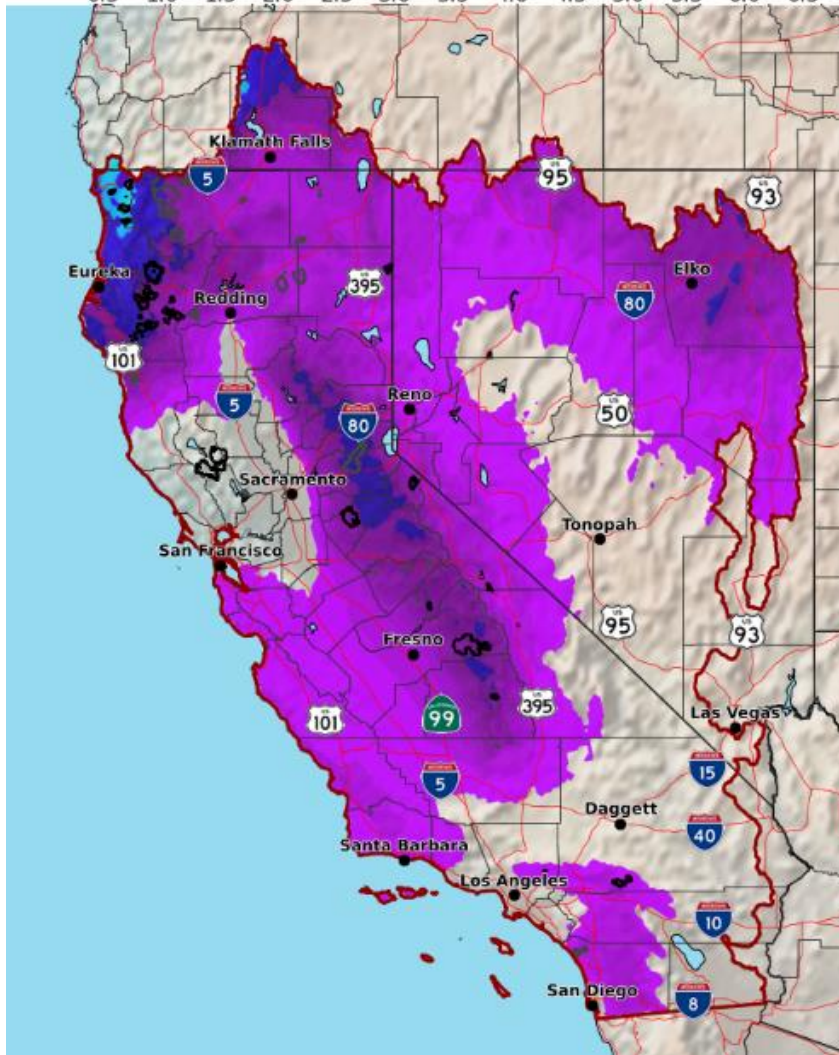
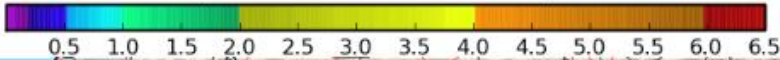




# STATE WEATHER MAP

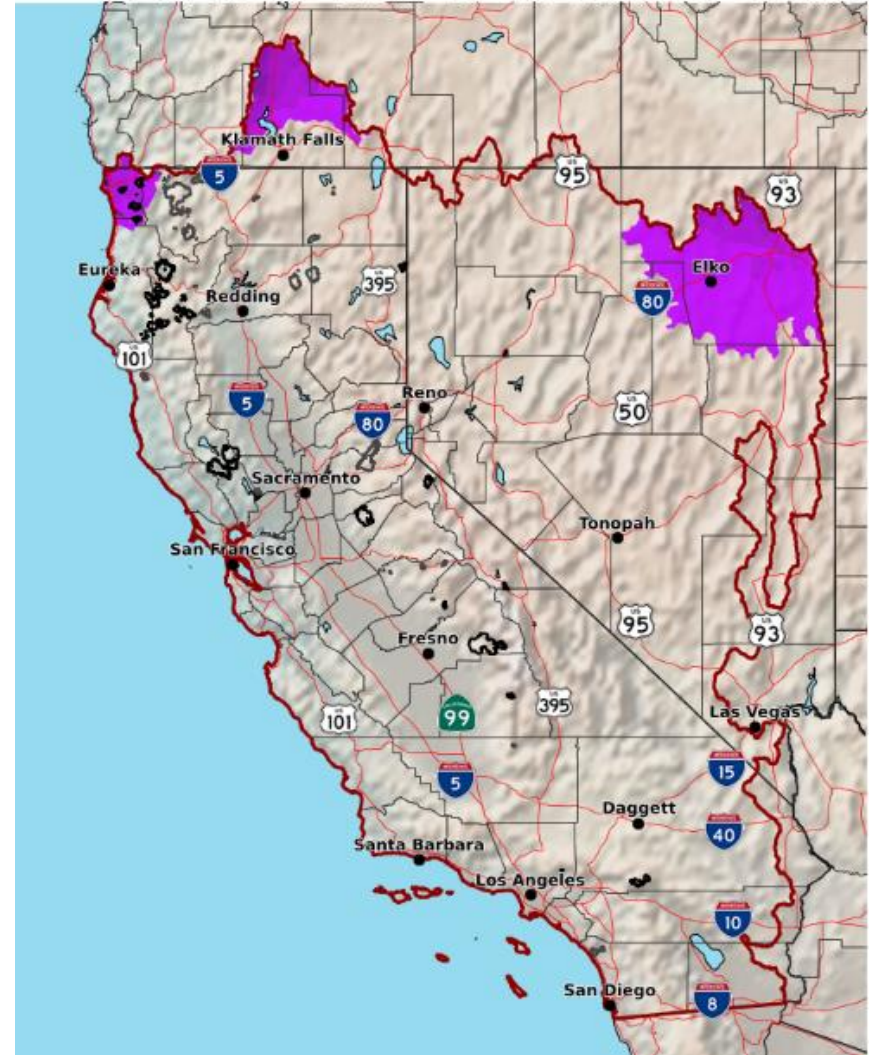
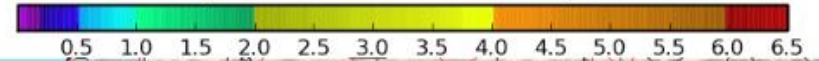
## 24-Hour Forecast Precipitation (Inches)

Valid: Mon Mar 14, 2016 at 05 AM PDT to Tue Mar 15, 2016 at 05 AM PDT



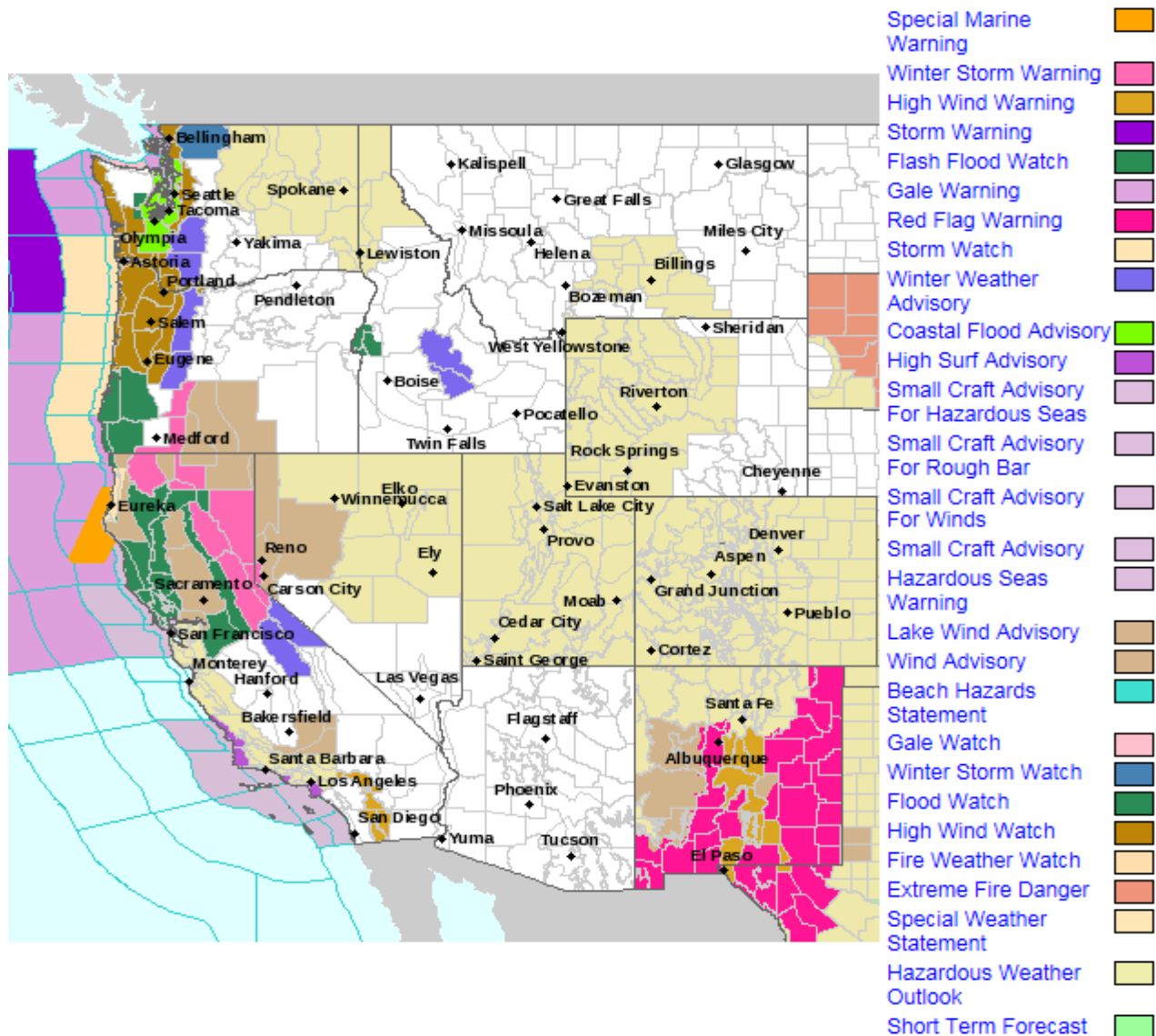
## 24-Hour Forecast Precipitation (Inches)

Valid: Tue Mar 15, 2016 at 05 AM PDT to Wed Mar 16, 2016 at 05 AM PDT



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

# STATE WEATHER MAP



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

# **FIRE ACTIVITY**

## **Preparedness Levels**

### **National Preparedness Level 1**

#### **Northern California**

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 2

#### **Southern California**

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

## **California Fire Potential & Weather Maps**

### **Southern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

### **Northern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

### **California Fire Weather Map Watches and Warnings**

<http://www.wrh.noaa.gov/firewx/main.php>

### **NWS California River Forecast Center:**

<http://www.cnrfc.noaa.gov/>



# **CAL OES 2014 DROUGHT**

## **Cal EOC Incident – 2014 Drought**

- The SOC is activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Recovery/Individual Assistance finalized an updated 2015 version of the drought brochure of programs and services for individuals, businesses, farmers, and ranchers. It has been put on the Governor's Drought webpage. State agencies may put the following link to the brochure on their webpage <http://ca.gov/drought/pdf/Drought-Assistance-Brochure-2015.pdf>
- Cal OES Regions (Inland, Coastal, Southern) collective OA drought call is facilitated by the SOC and will be held once per month.



# **CAL OES 2014 DROUGHT**

## **Cal EOC Incident – 2014 Drought**

### **Local Emergency Proclamations:**

**A total of 61 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:**

- 27 Counties: Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 13 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County) and City of West Sacramento (Yolo County), City of Willits (Mendocino County), and City of Fort Bragg (Mendocino County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



# CAL OES MISSIONS

## Cal OES Missions

- **2016-SREOC- 21898** has been approved for 1 CNG Armory in Santa Barbara County to open as a winter weather storm shelter at the following location: Santa Maria Armory in Santa Maria Friday 3/11/16 from 1800 to 3/15/16 at 0600 hours.



**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*